Index of Claims

| An | nlica | tion | <u>ICA</u> | ntrol  | No   |
|----|-------|------|------------|--------|------|
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10/666,374

Examiner

Dai A. Phuong

Applicant(s)/Patent under Reexamination

ZEIRA ET AL.

Art Unit

2617

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |  |
|---|--------------------------------|--|
|   | Postrioted                     |  |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
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| 0 | Objected |

|              |                            |              |          |          |          | _            | 1   | '              |          |                |
|--------------|----------------------------|--------------|----------|----------|----------|--------------|-----|----------------|----------|----------------|
| Cla          | im                         | Date         |          |          |          |              |     |                |          |                |
| - 0.0        |                            |              |          |          | Г        | T            | Ť   |                | П        | $\neg$         |
| _            | Original                   |              |          |          |          |              |     |                | l        |                |
| Final        | į                          | 4/7/07       |          |          |          |              |     |                |          |                |
| ш.           | ō                          | 4            |          | l        | l        | 1            | İ   |                |          |                |
| _            | 4                          |              | _        | ┝        | ⊢        | ╁            | -   |                | $\vdash$ | $\dashv$       |
|              | 1                          | ٧            |          | ⊢        | ├        | ├-           | ├─  | H              |          | $\dashv$       |
|              | 2                          | ٧            |          | _        | ⊢        | <del> </del> | -   | -              | $\vdash$ | $\dashv$       |
|              | 3                          | ٧            | -        | _        | ⊢        | ╀            | -   | <u> </u>       | H        | $\dashv$       |
|              | 1<br>2<br>3<br>4<br>5<br>6 | V            |          |          | -        | -            | _   | <del> </del>   | Н        | ᅴ              |
|              | 2                          | V            | _        |          | -        | ₩            | -   | -              | Н        | $\dashv$       |
| <u> </u>     | 5                          | V            | <u> </u> | ⊢        | -        | +-           | ╀   | -              |          | $\dashv$       |
| <u> </u>     | 7                          | ٧            | ⊢        |          | ╀        | ╀            | ╁   |                | Н        |                |
|              | 8                          | V            | ⊢        | -        | ⊢        | +            | ╁   | ┢              |          | ᅴ              |
| <u> </u>     |                            | ٧            | -        | ┝        | ⊢        | ╀            | ╁   | -              | $\vdash$ | $\dashv$       |
| <u> </u>     | 10                         | V            | -        | -        | ╀        | +-           | +-  | <del> </del> - | H        | _              |
|              | 11<br>12                   |              | $\vdash$ | -        | +        | ╁            | ┼   | ╁              | $\vdash$ | $\dashv$       |
|              | 12                         | ٧            | $\vdash$ | ┢        | ╁        | +-           | +-  |                | -        | Н              |
|              | 13<br>14                   | V            | -        | $\vdash$ | $\vdash$ | +            | ╁   | ╁              | $\vdash$ | Н              |
| <u> </u>     | 15                         | V            | -        | +        | +-       | +            | +   | $\vdash$       | $\vdash$ |                |
|              | 15                         | V            | ┝        | ⊢        | +-       | +            | ╄   | ⊢              | -        |                |
|              | 16                         | \ <u>\</u>   | H        | ╀        | ╁        | +-           | ┿   | ╁              | ⊢        |                |
|              | 17                         | ٧            | 1        | ╀        | ╁        | -            | ╀   | $\vdash$       | ⊢        | H              |
| <u> </u>     | 18                         | <u>  v</u>   | <u> </u> | ╀        | +-       |              | ┿   | ╀              | -        | _              |
| <u> </u>     | 19                         | V            | -        | ╄        | ╀        | +            | ╀   | -              | ⊢        | -              |
| <u> </u>     | 20                         | Į.           | -        | ╀        | ╄        | +-           | +-  | ╁              | ┢        | <u> </u>       |
| <u> </u>     | 21                         | V            | ├-       | ╀        | ╁        | +            | +   | +              | ⊢        | ├-             |
| <u> </u>     | 22                         | <u>  v</u>   | -        | -        | ╁        | +-           | +   | ╁              | ├-       | $\vdash$       |
| <u> </u>     | 23<br>24<br>25             | \ <u>\</u>   | ╀        | ╀        | +        | ╁            | +   | $\vdash$       | -        | <u> </u>       |
| -            | 24                         | Į v          | ├        | ╀        | ╄        | +-           | +   | +-             | ╁        |                |
|              | 25                         | \ <u>v</u>   | ╀        | ┼-       | ╀        | ┿            | +-  | +              | ╁╌       | -              |
|              | 26<br>27<br>28             | V            | ⊢        | ⊬        | ╀        | +-           | +   | ╀              | ⊬        | ⊢              |
| <u> </u>     | 27                         | V            | ┼        | ╀        | +-       | +            | +   | ╀              | ╁        | ├              |
|              | 28                         | V            | ┝        | +        | ┿        |              | ╀   | ╀              | ╫        | ┢              |
| <u> </u>     | 29                         | ļ٧           | ├        | +-       | +-       | - -          | +   | ╁              | ╀        | ┝              |
| <u> </u>     | 30                         | Į v          | ┼        | +-       | +        | ╬            | +   | ╁              | ╁        | ┢              |
| <u> </u>     | 31<br>32                   | <u>  v</u>   | ╀        | +-       | +-       | +            | ╄   | +              | -        | <del> </del> - |
| <u> </u>     | 32                         | <u>  v</u>   | ╀        | 1        | ╁        | +            | +   | +              | ┼-       | ├              |
| <u> </u>     | 33                         | V            | ╀        | +-       | ╀        | +            | +-  | ╀              | ╀        | Ͱ              |
|              | 34                         | l v          | ╀        | +-       | ╬        | +            | +-  | ╁              | ╀        | ├              |
|              | 35                         | Į v          | ╀        | ╁        | +        | +            | +-  | +-             | ┼-       | +-             |
| -            | 36                         | V            | +        | +-       | +        | +            | +-  | +-             | +        | ┼              |
| $\vdash$     | 37<br>38                   | V            | ╀        | +        | +        | +-           | +-  | +              | ╂        | ╁              |
| -            | 38                         | V            | ╀        | ╀        | +        | +            | +   | ╀              | ╀        | ╌              |
|              | 39                         | V            | +        | ╀        | +        |              | +-  | +-             | +        | ╁              |
| -            | 40                         | V            | +-       | +        | +        | +            | +-  | +              | +-       | +              |
| -            |                            | Į v          | +        | +        | +        |              | +-  | +              | +        | +-             |
| <del>├</del> | 42                         | \ <u>\ \</u> | ╁        | +-       | +        | - -          | ┿   | +              | +        | ╁              |
| <u> </u>     | 43                         | V            | +        | +        | +        | +            | +-  | +              | +-       | +              |
| -            | 44                         | V            | +        | +        | +        | +            | +   | -              | +        | ╁              |
| -            | 45                         |              | -        | ╀        | +        | +            | +   | +              | +-       | ╀              |
| -            | 46                         | <u>  '</u>   | +        | +        | +        | +            | +   | +              | +        | +              |
| <u> </u>     | 47                         |              | _        | +-       | +        | -            | +   | +-             | +        | ╀              |
| <u> </u>     | 48                         |              | +        | +        | +        |              | +   | +              | +        | +-             |
| <u> </u>     | 49<br>50                   |              | +        | 4-       | +        | +            | +   | +              | +        | $\vdash$       |
| 1            | 1.50                       | ١.           |          |          | 1        | - 1          | - 1 |                |          | 1              |

| Cla  | im       |             |                |              | 1       | Date     | е            |              |               |                   |
|--|----------|-------------|----------------|--------------|---------|----------|--------------|--------------|---------------|-------------------|
|  |          |             |                |              |         |          |              |              |               |                   |
| Final  | Original |             |                | l            |         |          |              |              |               | ı                 |
| ا≓ا  | Ē        |             |                | ļ.           | 1       | ŀ        |              |              |               | - 1               |
| -  | Ō        |             |                |              | 1       | 1        | 1 1          | l            |               |                   |
| <b>├</b>   |          |             |                | ⊢            | ⊢       | ├        | -            | -            | _             |                   |
|  | 51       | ٧           | _              | 1_           | ↓_      | ļ        | $\vdash$     |              |               | _                 |
|  | 52       | ٧           |                | _            |         | <u> </u> | $oxed{oxed}$ |              |               | Ш                 |
|  | 53       | ٧           |                |              |         |          |              |              |               | $\Box$            |
|  | 54       | ٧           |                |              | Γ       |          |              |              |               |                   |
|  | 55       | ٧           |                |              | Τ       |          |              |              |               |                   |
| $\vdash$   | 56       | v           |                | $\top$       | T       | $\vdash$ |              |              |               |                   |
|  | 57       | v           | _              | 1            | 十       | t        | $\vdash$     |              | $\overline{}$ |                   |
| <b></b>  | 58       | v           | ┝              | ╁            | ╁       | ╁        | -            | $\vdash$     | -             | Н                 |
| $\vdash$   |          | _           | ┝              | ╁            | ╁       | ╁        | ╌            | $\vdash$     |               | $\vdash$ $\dashv$ |
|  | 59       | ٧           | <del>  -</del> | ╀            | +-      | -        | ₩            | <del> </del> | -             | $\vdash$          |
| $\vdash$   | 60       | >           | $\vdash$       | ↓_           | +-      | ╀-       |              | _            | _             | $\vdash$          |
|  | 61       | V           | $oxed{oxed}$   | ↓_           | ļ.,     | <u> </u> | <u> </u>     | <u>.</u>     |               | $\Box$            |
|  | 62       | v           |                |              | 1_      |          | _            | 1_           | _             |                   |
|  | 63       | v           |                | $oxed{oxed}$ | $\perp$ | L        | L            |              |               |                   |
|  | 64       | v           |                |              |         |          |              |              |               |                   |
|  | 65       | v           | Г              |              | Τ       | T        | Г            | Г            |               |                   |
|  | 66       | -           | $\vdash$       | 1            | T       | T        |              | Г            |               | П                 |
|  | 67       | -           | $\vdash$       | ╁            | $\top$  | +-       | T            | $\vdash$     | Т             | П                 |
| -  | 68       |             | ╁              | ╁            | +       | +        | ┼            | +-           | _             | Н                 |
|  |          | <u> </u>    | ╁              | ╁            | ╁       | +-       | +            | -            | -             | $\vdash$          |
| <b></b>  | 69       | -           | ╀              | +-           | ┿       | ╀        | ┿            | ├            | ├             | ₩-                |
| L  | 70       | ŀ           | _              | 4-           | ╄-      | ╀        | ↓_           | 1            | ļ             | <u> </u>          |
|  | 71       | _           | L              | <u> </u>     | 4       | ╄        | Ļ            | <u> </u>     | ļ             |                   |
|  | 72       |             | L              |              |         | _        |              | <u> </u>     | L             |                   |
|  | 73       |             |                |              | l       | 1_       |              |              |               |                   |
|  | 74       | Г           | Т              |              | T       |          |              |              |               |                   |
|  | 75       |             | Т              | 1            | Т       | 1        |              | П            |               |                   |
|  | 76       | 1           | t              | $\top$       | T       | $\top$   | $\top$       |              |               |                   |
|  | 77       | +-          | +-             | +            | +       | ╅        | +-           | 1            | T             |                   |
|  | 78       | $\vdash$    | ╁              | +            | +       | +-       | +            | T            | $\vdash$      | 1-                |
| -  | 79       | ╁           | ╀╌             | +            | ╁       | +        | +-           | +-           | ╁             | +                 |
| -  |          | 1-          | +              | +-           | +-      | ┿        | +            | ╆            | ╁             | ┼                 |
| <u> </u>   | 80       | ╄           | ╀              | 4            | -       | +        | +-           | +            | ╄             | <del> </del>      |
|  | 81       | ┺           | ╀              | _            | 1       | 4        | ┦—           | ↓_           |               | ₩                 |
| L  | 82       | _           | L              | ┸            | ᆚ       | $\perp$  |              | 1_           | _             | 1_                |
| L  | 83       |             | L              | $\perp$      |         | 1        | 1            |              |               | 1_                |
|  | 84       |             |                |              |         |          |              |              |               |                   |
|  | 85       | Γ           | Γ              | T            |         | T        | Τ            |              |               |                   |
|  | 86       | Т           | T              | 1            | $\top$  | Т        |              |              | Γ             |                   |
|  | 87       | T           | T              | 1            | 1       | $\top$   | $\top$       | $\top$       | T             | Τ                 |
| <del>  -                                    </del> | 88       | T           | ${}^{\dagger}$ | +-           | +       | 十        | +-           | 1            | T             | 1                 |
| -  | 89       | +           | +              | +            | +       | ╅        | +-           | +            | +             | +-                |
|  | 90       | +-          | +              | +            | ╁       | +-       | +-           | +            | +-            | -                 |
| -  | _        | ╀           | +              | ┿            | +       | +        | +            | 1-           | ╁             | ╁                 |
| <u> </u>   | 91       | +           | ╀              | +            | +       | +        | +-           | +            | ╀             | +                 |
| <u></u>  | 92       | 4_          | ╀              | 4            | 4       | -        | 4            | +-           | 4_            | ╀                 |
| L  | -93      | 1           | 1              | $\perp$      | 4       | 1        | _            | 4_           | 4             | 4                 |
|  | 94       |             |                | L            | $\perp$ |          | $\perp$      |              | $\perp$       | $\perp$           |
|  | 95       | Τ           | T              |              | T       |          | $oxed{oxed}$ | $oxed{oxed}$ | $\perp$       | $\perp$           |
|  | 96       | 1           | Τ              | $\top$       | ┰       | Т        | T            | $\top$       | Т             |                   |
| -  | 97       | +           | +              | $\top$       | ╅       | $\top$   | ┪            | 1            | 1             | 1                 |
| -  | 98       | +           | $^{+}$         | - -          | +       | +        | 十            | +            | T             | +                 |
| <b>—</b>   | 99       | ╁           | +              | +            | +       | +        | +            | +            | +             | +                 |
| <u> </u>   | 100      | ╫           | +              | +            | +       | ╬        | +            | ╁            | +             | +-                |
| 1  | 100      | <u> 1</u> _ |                |              | 丄       |          |              |              |               | 1_                |

| Cla  | aim  |  | _        |              |         | Dat    | e       |                    |  |          |
|--|--|--|----------|--------------|---------|--------|---------|--------------------|--|----------|
|  |  |  |          |              | Г       |        |         |                    |  |          |
| Final  | Original   |  |          |              | l       |        |         |                    |  |          |
| Fir  | rig  |  |          |              | 1       | l .    | 1       | l                  |  |          |
|  | . 0  |  |          |              |         | 1      |         |                    |  |          |
|  | 101  |  |          |              | Г       | T      | $\top$  |                    | П  | コ        |
|  | 101<br>102   |  |          | П            | Г       | Т      |         |                    |  |          |
|  | 103  |  | $\vdash$ | 1            | Г       | T      | 1       |                    |  |          |
|  | 103<br>104<br>105  |  |          | ⇈            | Г       | T      |         |                    |  |          |
|  | 105  |  |          |              | Г       |        |         |                    |  |          |
| _  | 106  |  |          | T            | ╁       | †      | $\top$  | $\vdash$           |  | П        |
|  | 106<br>107   | _  | Т        | Г            | T       | T      | 1       |                    |  | $\Box$   |
|  | 108  |  | _        | Т            | 1       | T      | $\top$  |                    |  |          |
|  | 108<br>109   |  | П        | $\vdash$     | Т       | T      |         | T                  |  |          |
| _  | 1110   | $\vdash$   | $t^-$    | 1            | ✝       | ✝      | $\top$  | 1                  |  |          |
|  | 111  |  | <b>!</b> | T            | 1       | $\top$ | $\top$  | T                  | T.   | П        |
| $\vdash$   | 111<br>112<br>113  | t  | $\vdash$ | T            | T       | 1      | $\top$  | 1                  | T  | П        |
| <del>                                     </del> | 113  | $\vdash$   | $\vdash$ | <del> </del> | T       | T      | $\top$  | †                  | T  | H        |
| <b></b> -  | 114  | <del>                                     </del> | $\vdash$ | t            | T       | T      | T       | T                  | 1  | П        |
| $\vdash$   | 114<br>115   | _  | ✝        | 1            | t       | +      | +       | $\top$             | T  | Н        |
| <del></del>                                      | 116  | <del>                                     </del> | t        | $t^{-}$      | +       | +      | $\top$  | $\vdash$           | 1  | Н        |
|  | 116<br>117   | ╁  | -        | ╈            | ╈       | +      | +-      | $\top$             | ╁╌   | $\vdash$ |
|  | 118  |  | ╁╌       | ╁            | +       | ╁╴     | +-      | ╅                  | <del>                                     </del> | Н        |
| _  | 110  | ╁  | -        | ╁            | ╁       | ╁      | +       | ╁╴                 | $\vdash$   | Н        |
| -  | 120  | $\vdash$   | ╁        | ╁╌           | ╁╴      | +      | +-      | +-                 | +  | Н        |
| -  | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | ╁  | ╁        | ╁╌           | +       | +      | ╁       | +-                 | ╁  | $\vdash$ |
|  | 122  | ┢  | ╫        | +-           | ╁       | +      | +-      | +-                 | ╁╌   | H        |
| -  | 123  | ╁  | ╁        | ╁            | +       | ╁      | +-      | +                  | +-   | H        |
| $\vdash$   | 124  | ╁  | ╁        | +-           | ╁       | ╁      | +       | ╁╌                 | +-   | $\vdash$ |
| -  | 125  | +  | ╀        | ╁            | ╁       | ┿      | +       | +                  | ╁  | $\vdash$ |
| -  | 125  | +-   | ╀╌       | ╁            | ╫       | +      | ┰       | ╁                  | ╁  | ╁─┤      |
|  | 120  | ╁  | ╁╾       | ╁            | +       | +      | -       | ╫                  | ╁  | $\vdash$ |
| -  | 127  | ╁╌   | ╁        | ╫            | ╁       | +      | +       | +                  | ╫  | $\vdash$ |
|  | 120  | +  | ╁        | ╁            | ┿       | ╁      | ╅       | +                  | +-   | ┼        |
| -  | 129  | +  | ╁        | ╬            | ╁       | +      | +-      | ┿                  | ┿  | +-       |
|  | 130  | ╁  | ╁        | ╁            | ╫       | +      | +       | ┿                  | ╁  | ╁─       |
| -  | 131  | ╀  | ╀        | ╀            | ╫       | +-     | +       | ╁                  | ╁  | ┼-       |
|  | 132  | ╀  | +        | ╁            | ╁       | +      | +       | ╁                  | +  | ┼-       |
| <u> </u>   | 132<br>133<br>134  | +-   | +        | +            | +       | +      | +       | +-                 | +  | ┼        |
| <u> </u>   | 134  | +  | ╀        | +            | +       | +      | +       | +                  | +  | +-       |
| -  | 135<br>136   | ╁  | ╁        | +            | +       | +      | +       | +                  | +  | +        |
| ├—   | 130  | ╁  | ╀        | +-           | +       | +      | +-      | +                  | +-   | +        |
| <u> </u>   | 137<br>138   | ╀  | ╁        | +            | +       |        | +       | +                  | +  | +        |
| <u> </u>   | 138  | -  | +        | +            | +       | +      | +       | +                  | +-   | +        |
| -  | 139  |  | +        | +            | +       | +      | +       | +                  | +  | $\vdash$ |
| <b>—</b>   | 140  | +-   | +        | +            | +       | +      | +       | +-                 | +  | -        |
| <u> </u>   | 141  | +  | ╀        | +            | +       | +      | +       | +                  | +  | +-       |
|  | 142  |  | +        | +            | +       | +      | +       | +                  |  | ╂        |
| ļ  | 143  |  | +        | 4            | +       | +      | +       | 4-                 | +  | ╂        |
| -  | 144  |  | $\perp$  | +            | +       | +      | 4       | +                  | +  | +        |
| $\vdash$   | 145  |  | +        | +            | 4       | 4      | _ _     | +                  | +  | +        |
| <u> </u>   | 146  |  | 4-       | _            | 4       | $\bot$ | _       | $\bot$             | +  | $\bot$   |
|  | 147  |  | 4        | 4            | 4       | 4      | 4       | 4                  | 4  | $\perp$  |
| _  | 148  |  | 1        | 1            | 4       | 4      | _       |                    | $\bot$   | _        |
|  | 149  |  | ┸        | $\perp$      | Ţ       |        | $\perp$ | $\perp$            | $\perp$  | 1_       |
|  | 150  | $\perp$  |          |              | $\perp$ |        | 丄       | $oldsymbol{\perp}$ |  | 1.       |